

CLAIMS

What is claimed is:

- A guide wire clasping driven member which maintains a length of a guide wire disposed in a tissue comprising:
- a rotatable drive shaft configured to apply a driving and rotational force to a medical device; and
- a wire locking mechanism configured to hold the guide wire a predetermined distance from the tissue as the medical device is driven distally away from the wire locking mechanism.
- 2. The guide wire clasping driven member according to Claim 1 further comprising a cannulated outer sleeve, said rotatable drive shaft being disposed within said cannulated outer sleeve.
- 3. The guide wire clasping driven member according to Claim 2 wherein said outer sleeve is rotatably coupled to said rotatable drive shaft.
- 4. The guide wire clasping driven member according to Claim 2 wherein said wire locking mechanism is disposed within said cannulated sleeve.
- 5. The guide wire clasping driven member according to Claim 1 wherein said wire locking mechanism has a pair of guide wire clamping jaws.

wherein said wire locking mechanism comprises a threaded knob.

ocket No. 5490-000266

Biomet Docket No. BMT 4421 (B-388)

- 7. The guide wire clasping driven member according to Claim 1 wherein the medical device is selected from a group of a fastener, a drill bit, and a cutting tool.
- 8. The guide wire clasping driven member according to Claim 1 wherein the driven shaft is cannulated and configured to accept the guide wire.
 - 9. An apparatus for driving a medical device comprising:

a guide wire clasping driven member which maintains a length of a guide wire coupled to a tissue comprising a rotatable shaft configured to be coupled to the medical device, and a wire locking mechanism which retains the wire at a predetermined distance from the tissue; and

a driver coupled to said rotatable drive shaft.

- 10. The apparatus according to Claim 9 wherein the guide wire clasping driven member comprises an annular outer sleeve disposed about said drive shaft.
- 11. The apparatus according to Claim 9 wherein said wire locking mechanism is disposed within said driver.

HE Docket No. 5490-000266 Biomet Docket No. BMT 4421 (B-388)

- 12. The apparatus according to Claim 9 wherein the wire locking mechanism is disposed within the annular outer sleeve.
- 13. The apparatus according to Claim 9 wherein the wire locking mechanism comprises a pair of collapsible jaws.
 - 14. The apparatus according to Claim 9 wherein the driver is a handle.
- 15. The apparatus according to Claim 9 wherein the driver is a drive motor selected from the group consisting of electric and pneumatic.
- 16. A method for rotating a medical device with respect to a biological tissue having a guide wire comprising:

providing a medical device;

providing a guide wire retaining member having a driven shaft and a wire retaining mechanism, said wire retaining mechanism configured to hold the guide wire at a fixed distance from the tissue;

positioning the guide wire retaining member relative to the medical device;

retaining the guide wire at a fixed distance from the tissue; and applying a force to the driven shaft to apply forces to the medical device.

HD Docket No. 5490-000266 Biomet Docket No. BMT 4421 (B-388)

- 17. The method of Claim 16 wherein providing a medical device includes providing a medical device selected from a cannulated screw, a cannulated drill bit, and a cannulated cutting tool.
- 18. The method of Claim 16 further comprising placing the guide wire through the medical device.
- 19. The method of Claim 16 wherein providing a guide wire retaining member includes provides a cannulated outer sleeve, said wire retaining mechanism disposed within said outer sleeve.
- 20. The method according to Claim 16 further including providing a driver coupled to the driven shaft, and wherein providing the guide wire retaining member includes providing a wire clamp disposed within the driver.